

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Hitoshi Nomura et al. Art Unit : 1653
Serial No. : 09/720,285 Examiner : Unknown
Filed : December 21, 2000
Title : NOVEL HEMOPOIETIN RECEPTOR PROTEINS

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RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371

In response to the communication dated June 27, 2002 (copy enclosed), applicants submit herewith a Sequence Listing in computer-readable form (1 diskette) as required by 37 CFR §1.824. In addition, applicants submit a substitute Sequence Listing (66 pages) as required under 37 CFR §1.823(a) and a statement under 37 CFR §1.821(f).

Applicants respectfully request entry of the paper copy and computer-readable copy of the Sequence Listing filed herewith for the instant application. Furthermore, applicants request entry of the following amendments.

In the specification:

Replace the original Sequence Listing with the substitute Sequence Listing filed herewith.

Replace the paragraph beginning at page 2, line 26, with the following rewritten paragraph:

--Though the binding site on receptors associating with these cytoplasmic tyrosine kinases (JAK kinases) is conserved between family members, the homology is not very high (Murakami M. et al., Proc. Natl. Acad. Sci. USA, 1991, 88, 11349-11353). On one hand, the sequence that characterizes these hemopoietin receptors most well exists in the extracellular region, and especially the five amino acid Trp-Ser-Xaa-Trp-Ser (SEQ ID NO:32) (where Xaa is

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